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January 1965

PHOTOGRAPHIC INTERPRETATION REPORT

OAK - PART II
MISSION 1016-1
15-20 JANUARY 1965



CIA



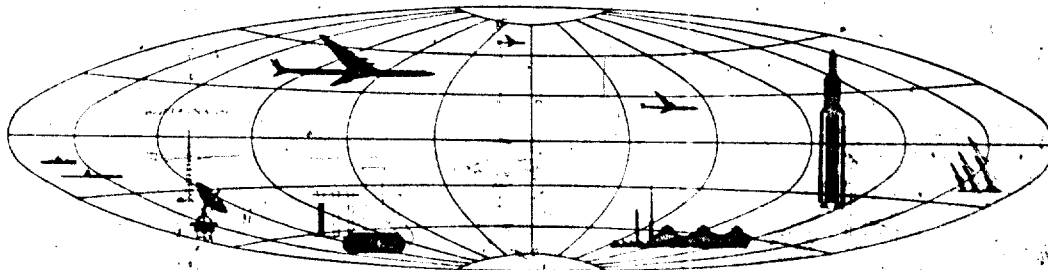
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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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TABLE OF CONTENTS

PREFACE	2
TRACK OF MISSION	3
HIGHLIGHTS	6
MISSILES	7
NAVAL ACTIVITY/PORTS	16

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ATTACHMENTS

APPENDIX

1
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OAK - PART II

MISSION 1016-1

PREFACE

THIS IS THE SECOND OF THREE OAK REPORTS ON MISSION 1016-1 AND PROVIDES INFORMATION ON THOSE COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS ARE SUFFIXED WITH EITHER AN A FOR ASCENDING (SOUTH-TO-NORTH) OR D FOR DESCENDING (NORTH-TO-SOUTH). FRAMES ARE INDICATED BY THE LETTERS FR. THE LETTER F PRECEDING FRAME NUMBERS INDICATES THE FORWARD CAMERA, AND THE LETTER A INDICATES THE AFT CAMERA. ABSENCE OF THESE LETTERS INDICATES THAT THESE ARE FRAME AND INDEX NUMBERS. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE FRAME TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE AS FOLLOWS -- C (CLEAR), H (HAZE), CS (CLOUD SHADOW), HC (HEAVY CLOUD COVER), SC (SCATTERED CLOUD COVER), SD (SEMI-DARKNESS), O (OBLIQUITY), S (SNOW), PQ (POOR IMAGE QUALITY).

OAK RECIPIENTS ARE CAUTIONED THAT THE INITIAL SCAN OF THE PHOTOGRAPHY IS BEING ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERAL DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS.

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Highlights

HIGHLIGHTS

25X1A

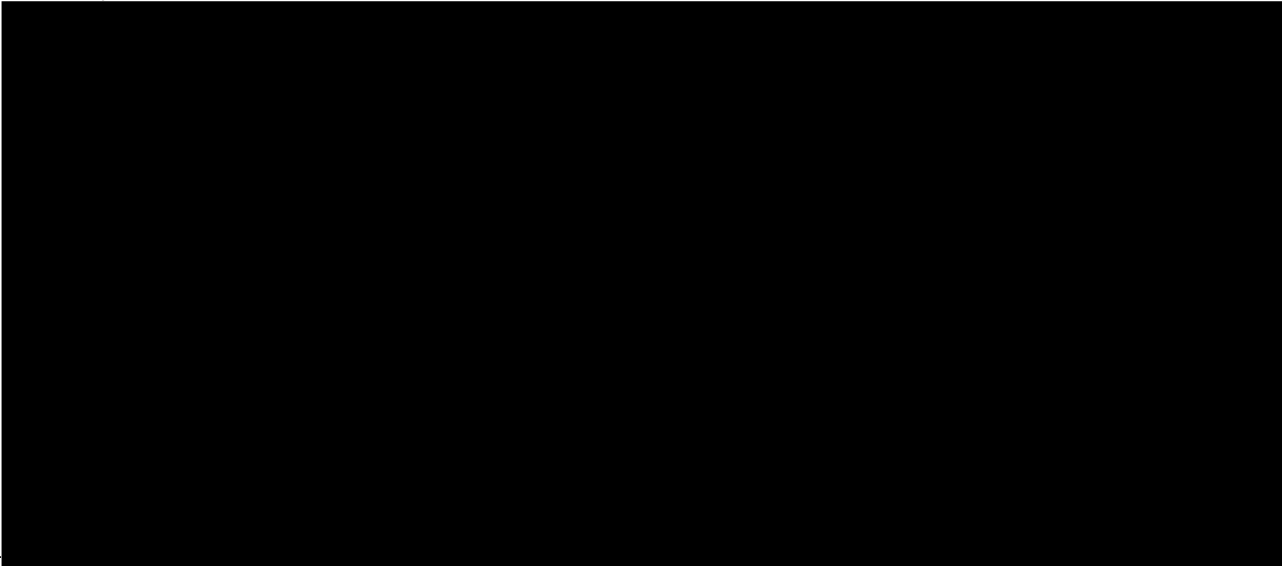
1. SHUANG-CHENG-TZU MISSILE TEST CENTER [REDACTED]

THE ENTIRE CENTER, INCLUDING THE AIRFIELD, IS COVERED BY CLEAR, GOOD PHOTOGRAPHY. A NEW PROBABLE SAM INSTRUMENTATION SITE IS UNDER CONSTRUCTION APPROXIMATELY 9 NM NE OF SAM INSTRUMENTATION SITE 3. AT LEAST 30 AIRCRAFT INCLUDING 1 PROBABLE BULL, 1 CAB, AND 2 POSSIBLE BEAGLE ARE AT THE AIRFIELD.

2. MOSCOW SUSPECT ABM AREA [REDACTED]

25X1A

AT SA-1 SAM SITE E33-1, A CIRCULAR STRUCTURE 90 FT IN DIAMETER HAS BEEN EMPLACED ON THE ROOF OF THE LARGE BUILDING OF THE ORIGINAL BUILDING TRIAD.



25X2

Missiles

25X1A

MISSILES

[REDACTED] DROVYANAYA ICBM COMPLEX UR 5131N 11300E

COMPLEX IS COVERED BY POOR QUALITY STEREO PHOTOGRAPHY.

LAUNCH AREAS A (SITE 1) AND D (SITE 3), COMPLEX
SUPPORT FACILITY, AND RAIL-TO-ROAD TRANSFER POINT
SHOW NO SIGNIFICANT CHANGE SINCE MISSION [REDACTED] 25X1D

25X1D

[REDACTED] LAUNCH AREA B (SITE 2) AND THE RAIL SPUR
EXTENDING EASTWARD FROM THE COMPLEX SUPPORT FACILITY.
(REPORTED ON MISSION [REDACTED] CAN BE IDENTIFIED 25X1D

25X1D

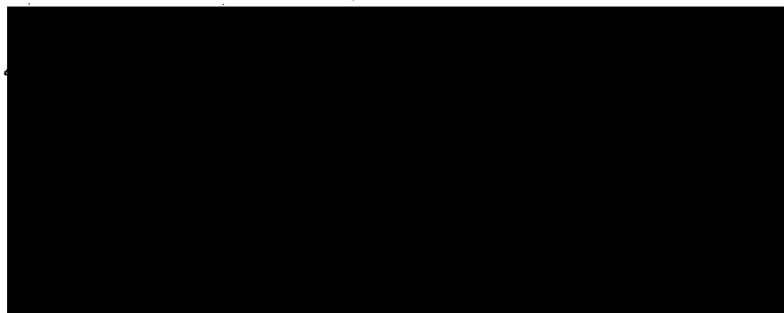
ONLY. LAUNCH AREA C (SITE 4) SHOWS NO APPARENT
CHANGE SINCE MISSION [REDACTED], AND LAUNCH AREA E
(SITE 5) SHOWS NO APPARENT CHANGE SINCE MISSION [REDACTED] 25X1D

25X1D

LAUNCH AREA F (SITE 6) SHOWS NO APPARENT CHANGE IN
FACILITIES SINCE MISSION [REDACTED] AT LEAST 25X1D
10 VEHICLES/PIECES OF EQUIPMENT ARE PARKED ON THE
APRON FORWARD OF THE SILOS. THE LEFT AND RIGHT
SILO DOORS MAY BE OPEN BUT OBLIQUITY LIMITS
INTERPRETATION.

SITES G1-G3 AND G6-G9 ARE IDENTIFIED ONLY. SITES
G4, G5, AND THE SUSPECT SITE ARE CLOUD COVERED.

NO ABM ACTIVITY OBSERVED IN CLOUD-FREE AREAS WITHIN
50-NM RADIUS. EAST HALF OF SEARCH AREA NOT COVERED.



25X1D

PERM ICBM COMPLEX UR 5742N 05619E

25X1A

COMPLEX COVERED BY FAIR QUALITY STEREO PHOTOGRAPHY.
NO APPARENT CHANGE IN COMPLEX SUPPORT FACILITY,
RAIL-TO-ROAD TRANSFER POINT, LAUNCH AREAS B (SITE 2),
C (SITE 3), D (SITE 6), AND E (SITE 5), AND THE AREA
OF UNIDENTIFIED ACTIVITY BETWEEN LAUNCH AREAS
D AND F SINCE MISSION [REDACTED] NO APPARENT
CHANGE IN LAUNCH AREAS A (SITE 1) OR F (SITE 4)
SINCE MISSION [REDACTED]

25X1D

25X1D

NO ABM ACTIVITY OBSERVED IN HAZE-FREE AREAS WITHIN
50-NM RADIUS SEARCH AREA.

25X1A

25X1D

BRATSK SUSPECT SSM AREA UR 5605N 10148E

WESTERN PORTION OF 50-NM RADIUS SEARCH AREA IS
30 PERCENT CLOUD FREE.

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1D

25X1A

SARANSK SUSPECT SSM AREA UR 5411N 04511E

NORTHERN HALF OF 50-NM RADIUS SEARCH AREA
APPROXIMATELY 85 PERCENT COVERED BY PHOTOGRAPHY,
SOUTHERN HALF APPROXIMATELY 20 PERCENT COVERED.

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTIONS.
AREA CANNOT BE NEGATED.

25X1D

25X1A

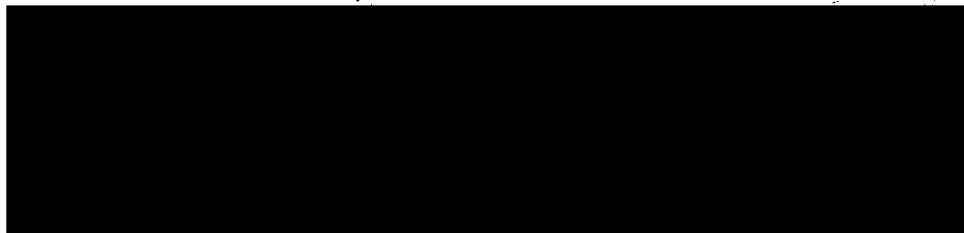
KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR UR 4835N 04545E

ONLY A FEW PORTIONS OF THE MISSILE TEST CENTER
ARE VISIBLE THROUGH HEAVY CLOUDS AND SNOW COVER.
INTERPRETATION IS FURTHER LIMITED BY ALMOST ENTIRELY
MONOSCOPIC COVERAGE AND OBLIQUITY.

25X1D NO APPARENT CHANGE IN FACILITIES SINCE MISSION [REDACTED] IN THE TROOP TRAINING AND SUPPORT AREA, LAUNCH COMPLEX A, LAUNCH AREA 2C (SITE 6), SAM INSTRUMENTATION SITE 11, AND LAUNCH COMPLEX C OPERATIONS CENTER. THE LAUNCH PADS AT LAUNCH COMPLEX A AND LAUNCH AREA 2C ARE CLEAR OF SNOW AND TRACKAGE IS VISIBLE IN THE TRAINING SECTION OF THE TROOP TRAINING AND SUPPORT AREA.

LAUNCH COMPLEXES E (SITE 3) AND B, AND LAUNCH AREAS 1C (SITE 7), 3C (SITE 5), 4C (SITE 4), AND 4D CAN BE IDENTIFIED ONLY.

THE REMAINDER OF THE TEST CENTER IS EITHER CLOUD COVERED OR NOT COVERED.



25X1D

25X1A

[REDACTED] SARY-SHAGAN ANTIMISSILE TEST CENTER UR 4602N 07334E

INSTRUMENTATION SITE 1, THE LONG DIRT AIRSTRIP, AND THE NEW AIRSTRIP ARE THE ONLY FACILITIES AT THE TEST CENTER THAT CAN BE INTERPRETED, WITH INTERPRETATION LIMITED BY CLOUDS, HAZE, AND INDISTINCT IMAGERY. THE MAIN HOUSING COMPLEX, INITIAL SUPPORT AREA, THE TEST, FABRICATION, SUPPORT, AND WAREHOUSE AREA, THE HEN ROOST ANTENNAS, AND INSTRUMENTATION SITE 2 CAN BE IDENTIFIED ONLY. THE REMAINING FACILITIES ARE EITHER CLOUD-COVERED OR NOT COVERED.

INSTRUMENTATION SITE 1 -- A NEW BUILDING HAS BEEN CONSTRUCTED JUST WEST OF THE EASTERN TRACKING STATION SINCE THE LAST CLEAR, GOOD QUALITY PHOTOGRAPHY OF MISSION [REDACTED]

25X1D

LONG DIRT AIRSTRIP -- THE NARROW DARK CENTER MARKER

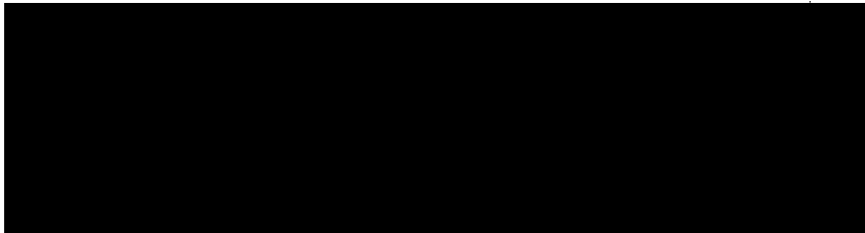
25X1D

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STRIP APPARENT ON MISSION [REDACTED] EXTENDING
FROM THE WEST END OF THE LONG DIRT STRIP APPROXIMATELY
10,500 FT, IS AGAIN OBSERVED.

NEW AIRSTRIP -- NO APPARENT CHANGE IN PERMANENT
FACILITIES SINCE MISSION [REDACTED] FACILITIES ALL 25X1D
APPEAR TO BE SNOW-COVERED.

THE ROAD UNDER CONSTRUCTION EXTENDING GENERALLY
SW FROM INSTRUMENTATION SITE 2 REMAINS UNCHANGED 25X1D
SINCE MISSION [REDACTED] NO FACILITIES
HAVE BEEN CONSTRUCTED AT THE PRESENT TERMINAL POINT.



25X1D

25X1A

[REDACTED] SHUANG-CHENG-TZU MISSILE TEST CENTER CH 4107N 10020E

THE ENTIRE SHUANG-CHENG-TZU MISSILE TEST CENTER,
INCLUDING THE SHUANG-CHENG-TZU AIRFIELD IS COVERED BY
CLEAR GOOD QUALITY PHOTOGRAPHY.

A NEW PROBABLE SAM INSTRUMENTATION SITE IS UNDER
CONSTRUCTION DOWNRANGE FROM THE SAM LAUNCH SITES AND
APPROXIMATELY 9 NM NE OF SAM INSTRUMENTATION SITE 3.
IT CONSISTS OF CONSTRUCTION ACTIVITY AND A ROW OF
APPROXIMATELY 6 PROBABLE VEHICLES. THE POSITIONING
OF THIS NEW SITE IN RELATION TO THE INSTRUMENTATION
PATTERN IS SIMILAR TO THAT OF SAM INSTRUMENTATION
SITE 11 AT THE KAPUSTIN YAR/VLADIMIROVKA MISSILE
TEST CENTER. THE ADDITION OF INSTRUMENTATION SITES 25X6
10 AND 11 AT KY/VLAD MTC IN [REDACTED] EXTENDED THAT
INSTRUMENTATION PATTERN TO A DISTANCE OF
APPROXIMATELY 20 NM FROM THE LAUNCH SITES. THE
PROBABLE SAM INSTRUMENTATION SITE UNDER CONSTRUCTION
AT THE SHUANG-CHENG-TZU MISSILE TEST CENTER
WILL EXTEND THE NORTHERN LEG OF THE SAM
INSTRUMENTATION PATTERN TO A DISTANCE OF

APPROXIMATELY 20 NM FROM THE LAUNCH SITES. NO EVIDENCE OF A NEW COMPARABLE SITE ON THE SOUTHERN LEG IS APPARENT.

SAM LAUNCH FACILITIES -- LAUNCH SITE A HAS EQUIPMENT PRESENT IN THE CENTRAL GUIDANCE AREA, THE HOLD REVETMENT, AND ON 2 LAUNCH POSITIONS. LAUNCH SITE B HAS A PROBABLE GUIDANCE RADAR IN FRONT OF THE BUILDING IN THE CENTRAL GUIDANCE AREA. THE SCARRING NORTH OF SAM LAUNCH SITE B SHOWS NO APPARENT CHANGE SINCE MISSION [REDACTED]

25X1D

THE MAIN SUPPORT BASE IS THE ONLY OTHER FACILITY THAT SHOWS AN APPARENT CHANGE IN PERMANENT FACILITIES SINCE MISSION [REDACTED]. SIX BUILDINGS HAVE BEEN COMPLETED AND AT LEAST 5 NEW FOUNDATIONS HAVE BEEN ADDED. THIS MAKES A TOTAL OF 18 NEW BUILDINGS SINCE MISSION [REDACTED]. NUMEROUS VEHICLES ARE PARKED IN SEVERAL LARGE OPEN MOTOR POOLS.

25X1D

25X1D

25X1D

ACTIVITY IS ALSO NOTED IN SEVERAL OTHER PORTIONS OF THE MISSILE TEST CENTER. A VEHICLE IS OBSERVED ON THE ACCESS ROAD TO LAUNCH PAD A-1 AND ANOTHER IS IN THE FINAL CHECKOUT AREA TO THE REAR OF LAUNCH AREA A. AT LEAST 6 VEHICLES ARE OBSERVED IN THE SSM/SAM ASSEMBLY AND CHECKOUT COMPLEX IN BOTH THE SSM AND SAM PORTIONS. VEHICLE TRACKS, NEW SINCE MISSION [REDACTED] ARE APPARENT IN THE NORTH CORNER OF THIS COMPLEX. THESE TRACKS APPEAR TO RESULT FROM DRIVER-TRAINING EXERCISES.

25X1D

AT LEAST 30 AIRCRAFT, INCLUDING 1 CAB, 1 PROBABLE BULL, 2 POSSIBLE BEAGLE, 1 LIGHT STRAIGHT-WING, AND 25 SMALL FIGHTERS ARE PARKED AT SHUANG-CHENG-TZU AIRFIELD. A TRAIN IS VISIBLE SOUTH OF THE AIRFIELD AND IS PROCEEDING NORTH TOWARD THE MISSILE TEST CENTER.

WESTERN 95 PERCENT OF 50-NM RADIUS SAM SEARCH AREA IS COVERED BY APPROXIMATELY 20 PERCENT CLOUD-FREE PHOTOGRAPHY ON [REDACTED] AND WESTERN 90 PERCENT OF SEARCH AREA IS COVERED BY APPROXIMATELY 90 PERCENT GOOD QUALITY

25X1D

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25X1D

25X1A

[REDACTED] KUTAI SI MOTOR VEHICLE PLANT UR 4216N 04237E

NEW CONSTRUCTION SINCE MISSION [REDACTED]
INCLUDES A HIGH BAY SECTION, 400 X 100 FT. WHICH
HAS BEEN ADDED TO THE WEST END OF THE WESTERNMOST
ASSEMBLY BUILDING IN THE PLANT AREA.

25X1D

25X1D

25X1A

[REDACTED] MOSCOW GUIDED MISSILE PLANT 67 UR 5546N 03752E

NEW CONSTRUCTION SINCE MISSION [REDACTED]
INCLUDES A NEW BUILDING THAT APPEARS TO BE AS
TALL AS THE HIGH BAY SECTION ON THE ASSEMBLY
BUILDING IN THE AREA PREVIOUSLY DESCRIBED AS A
TRANSFORMER SUBSTATION, AND A NEW BUILDING EAST
OF THE ASSEMBLY BUILDING.

25X1D

25X1D

25X1A

[REDACTED] PERM PROB SOLID PROPELLANT TEST FACILITY UR 5758N 05549E

25X1B

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TCS-80160/65

25X1B

THE RAIL LINE CONNECTING THE TEST FACILITY TO THE PROPULSION, CASTING, AND CURING PLANT APPEARS TO BE IN OPERATION.

25X1D

CONSTRUCTION IN THE TEST FACILITY AND THE ASSOCIATED PROPULSION, CASTING, AND CURING PLANT HAS NOW CEASED AND THEY ARE POSSIBLY READY TO GO INTO PRODUCTION. CONSTRUCTION CONTINUES ON THE NEW SECTION ON THE NORTH SIDE OF THE PLANT AREA.

25X1A

KOKCHETAV SUSPECT SSM AREA UR 5317N 06930E

SEARCH AREA IS 90 PERCENT CLOUD COVERED. HEAVY CLOUDS AND SNOW PRECLUDE NEGATION OF ANY PORTION OF 50-NM RADIUS SEARCH AREA.

25X1D

KUZNETSK SUSPECT SSM AREA UR 5307N 04636E

NW QUADRANT OF 50-NM RADIUS SEARCH AREA CLOUD COVERED.

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE AREAS.

25X1A

25X1D

RUBTSOVSK SUSPECT SSM AREA UR 5130N 08115E

FIFTY-NM RADIUS SEARCH AREA 95 PERCENT CLOUD COVERED.

NO SSM ACTIVITY OBSERVED IN CLOUD-FREE PORTION.

25X1D

MOSCOW SUSPECT ABM AREA UR 5545N 03737E

APPROXIMATELY 70 PERCENT OF THE 75-NM RADIUS SEARCH AREA IS COVERED BY CLOUD-FREE PHOTOGRAPHY.

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NO NEW SARY-SHAGAN OR LENINGRAD-TYPE FACILITIES OR ABM-RELATED ELECTRONICS FACILITIES OR NUCLEAR WEAPONS STORAGE FACILITIES OBSERVED. THE FUNCTION OF THE ACTIVITY AT SA-1 SAM SITES C02-1, C09-1, C16-1, C19-1, EA10-1, E10-1, E12-1, E13-1, E15-1 (EXCLUDING THE POSSIBLE AMM ASSOCIATED ELECTRONICS FACILITY), E16-1, E17-1, AND E21-1 FIRST OBSERVED ON MISSION [REDACTED] REMAINS UNDETERMINED.

25X1D

AT SA-1 SAM SITE E33-1 A CIRCULAR STRUCTURE 90 FT IN DIAMETER HAS BEEN EMPLACED ON THE ROOF OF THE LARGE BUILDING OF THE ORIGINAL BUILDING TRIAD. THE HEIGHT OF THE CIRCULAR STRUCTURE IS AT LEAST [REDACTED] FT WHILE THE COMBINED HEIGHT OF THE BUILDING AND CIRCULAR STRUCTURE IS AT LEAST 65 FT. A SMALLER CIRCULAR OBJECT 70 FT IN DIAMETER IS OBSERVED ON THE GROUND AT THE NW CORNER OF THE LARGE BUILDING IN THE SAME LOCATION THAT HAD BEEN PREVIOUSLY OCCUPIED BY THE LARGER CIRCULAR STRUCTURE. NO ADDITIONAL PROGRESS IS NOTED SINCE MISSION [REDACTED] AT THE SECOND BUILDING TRIAD UNDER CONSTRUCTION IN THE NE CORNER OF THE LAUNCH AREA.

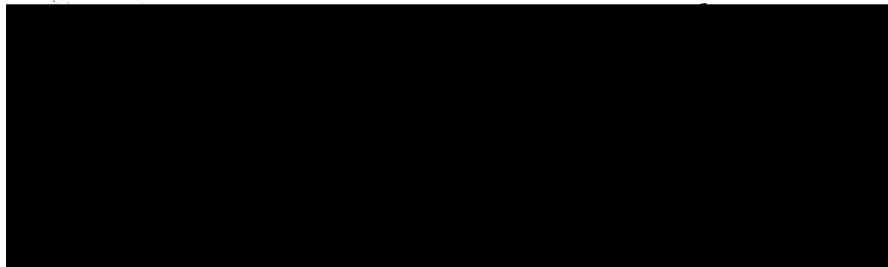
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25X1D

25X1D

NO SIGNIFICANT CHANGES ARE OBSERVED AT THE POSSIBLE AMM ASSOCIATED ELECTRONICS FACILITIES AT SA-1 SAM SITES E05-1 AND E15-1. THERE IS STILL NO INDICATION OF A SECOND BUILDING TRIAD AT E15-1.

25X1D



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